

ABSTRACT OF THE DISCLOSURE

For preparing a gas stream cleaned from dust and dirt particles, a device is proposed in which an outflow channel (2) for cleaned medium has at its mouth in an inflow channel (1) an extension element (4), which projects into the inflow channel. A cover element (6) covers an end inflow aperture (4a) of the extension element. In an embodiment of the invention, the extension element (4) has lateral inlet apertures (5). The cover element (6) is preferably constituted hood-shaped, and has axial extension elements (6a), which at least partially cover the extension element (4) in the axial direction, and advantageously extend over the lateral inlet apertures. The stream entering the outflow channel (2) for cleaned medium must overcome strong flow deflections, so that particles with a low flow following ability cannot get into this channel. Further outflow channels (3) for conducting the remaining dust-laden medium are arranged substantially flush with the wall (7) of the inflow channel.

(Fig. 3)